

SUPPLEMENTARY TABLE. Rate Ratios* Comparing COVID-19 Incidence[†] Among Racial and Ethnic Minority Persons to COVID-19 Incidence Among Non-Hispanic White Persons by Age Group in 16 U.S. Jurisdictions[§] in Three Time Periods Among Persons Aged <25 Years-- January 1-December 31, 2020

Age group, Race/ ethnicity	January 1-April 30, 2020			May 1-August 31, 2020			September 1-December 31, 2020			January 1-December 31, 2020		
	No. cases	Rate (95% CI)	Rate Ratio (95% CI)	No. cases	Rate (95% CI)	Rate Ratio (95% CI)	No. cases	Rate (95% CI)	Rate Ratio (95% CI)	No. cases	Rate (95% CI)	Rate Ratio (95% CI)
<25 yrs												
NH AI/AN	536	163 (150,177)	4.62 (4.22–5.05)	3,245	986 (952–1020)	1.86 (1.80–1.93)	11,870	3,605 (3,541–3671)	1.62 (1.59–1.65)	15,651	4,754 (4,680–4,829)	1.71 (1.68–1.73)
NH Asian	498	54 (49–59)	1.53 (1.39–1.67)	3,781	409 (396–422)	0.77 (0.75–0.80)	11,680	1,263 (1,240–1,286)	0.57 (0.56–0.58)	15,959	1,725 (1,699–1,752)	0.62 (0.61–0.63)
NH Black	2,461	87 (83–90)	2.46 (2.34–2.58)	24,501	862 (852–873)	1.63 (1.61–1.65)	32,200	1,133 (1,121–1,146)	0.51 (0.50–0.52)	59,162	2,083 (2,066–2,099)	0.75 (0.74–0.75)
NH NH/PI	73	88 (70–111)	2.49 (1.98–3.14)	2,007	2,418 (2314–2526)	4.57 (4.37–4.77)	3,119	3,757 (3,628–3,891)	1.69 (1.63–1.75)	5,199	6,263 (6,095–6,436)	2.25 (2.19–2.31)
NH White	4,947	35 (34–36)	Ref	74,259	530 (526–533)	Ref	311,591	2,222 (2,214–2,230)	Ref	390,797	2,787 (2,778–2,795)	Ref
Hispanic/Latino	6,129	137 (133–140)	3.87 (3.73–4.02)	66,938	1,493–(1481–1504)	2.82 (2.79–2.85)	117,305	2,616 (2,601–2,631)	1.18 (1.17–1.19)	190,372	4,245 (4,226–4,264)	1.52 (1.52–1.53)
NH Multiple	424	38 (35–42)	1.09 (0.98–1.20)	3,047	275 (266–285)	0.52 (0.50–0.54)	9,061	819 (803–836)	0.37 (0.36–0.38)	12,532	1,133 (1,113–1,153)	0.41 (0.40–0.41)
0-4 yrs												
NH AI/AN	44	73 (55–99)	9.67 (6.97–13.41)	282	470 (419–529)	3.37 (2.98–3.80)	1,009	1,683 (1,583–1,790)	2.39 (2.24–2.55)	1,335	2,227 (2,111–2,350)	2.61 (2.47–2.76)
NH Asian	52	34 (26–44)	4.45 (3.28–6.05)	394	256 (232–283)	1.83 (1.65–2.03)	917	596 (559–636)	0.85 (0.79–0.90)	1,363	886 (840–934)	1.04 (0.98–1.10)
NH Black	167	31 (26–36)	4.02 (3.27–4.95)	2,341	428 (411–446)	3.06 (2.91–3.23)	2,877	526 (507–546)	0.75 (0.72–0.78)	5,385	985 (959–1,011)	1.16 (1.12–1.19)
NH NH/PI	--	--	--	236	1,548 (1,363–1,759)	11.08 (9.71–12.64)	279	1,830 (1,628–2,058)	2.60 (2.31–2.92)	524	3,438 (3,156–3,745)	4.03 (3.70–4.40)
NH White	194	8 (7–9)	Ref	3,572	140 (135–144)	Ref	18,007	705 (694–715)	Ref	21,773	852 (841–863)	Ref
Hispanic/Latino	462	52 (47–57)	6.82 (5.77–8.07)	6,918	775 (757–794)	5.55 (5.33–5.78)	9,808	1,099 (1,078–1,121)	1.56 (1.52–1.60)	17,188	1,926 (1,898–1,955)	2.26 (2.22–2.31)
NH Multiple	28	11 (8–17)	1.51 (1.02–2.25)	274	112 (100–126)	0.80 (0.71–0.91)	698	286 (266–308)	0.41 (0.38–0.44)	1,000	410 (385–436)	0.48 (0.45–0.51)
5-9 yrs												
NH AI/AN	71	110 (87–139)	14.11 (10.77–18.47)	356	552 (498–612)	3.84 (3.45–4.28)	1,431	2,219 (2,107–2,337)	2.11 (2.00–2.23)	1,858	2,881 (2,753–3,015)	2.40 (2.29–2.51)
NH Asian	26	16 (11–23)	2.00 (1.33–3.00)	358	214 (193–238)	1.49 (1.34–1.66)	1,247	747 (707–790)	0.71 (0.67–0.75)	1,631	977 (931–1,026)	0.81 (0.77–0.85)
NH Black	134	24 (20–28)	3.03 (2.44–3.76)	2,467	435 (418–452)	3.03 (2.88–3.18)	3,573	630 (610–651)	0.60 (0.58–0.62)	6,174	1,089 (1,062–1,116)	0.91 (0.88–0.93)
NH NH/PI	--	--	--	206	1,297 (1,132–1,487)	9.03 (7.85–10.39)	396	2,494 (2,260–2,752)	2.37 (2.15–2.62)	613	3,861 (3,567–4,179)	3.21 (2.96–3.48)
NH White	207	8 (7–9)	Ref	3,811	144 (139–148)	Ref	27,871	1,051 (1,039–1,063)	Ref	31,889	1,202 (1,189–1,216)	Ref
Hispanic/Latino	303	33 (30–37)	4.24 (3.56–5.07)	6,981	763 (746–781)	5.31 (5.11–5.53)	13,454	1,471 (1,446–1,496)	1.40 (1.37–1.43)	20,738	2,267 (2,237–2,298)	1.89 (1.85–1.92)
NH Multiple	20	8 (5–13)	1.06 (0.67–1.68)	227	94 (83–107)	0.66 (0.57–0.75)	852	354 (331–378)	0.34 (0.31–0.36)	1,099	456 (430–484)	0.38 (0.36–0.40)
10-14 yrs												
NH AI/AN	100	149 (123–182)	14.71 (11.71–18.48)	580	866 (799–940)	3.89 (3.57–4.24)	2,317	3,461 (3,323–3,605)	2.09 (2.00–2.18)	2,997	4,476 (4,319–4,640)	2.37 (2.28–2.46)
NH Asian	33	19 (13–26)	1.85 (1.29–2.66)	421	240 (218–264)	1.08 (0.98–1.19)	1,561	891 (848–936)	0.54 (0.51–0.56)	2,015	1,150 (1,101–1,201)	0.61 (0.58–0.64)

NH Black	171	30 (26–35)	2.99 (2.47–3.62)	3,130	556 (537–576)	2.50 (2.39–2.61)	4,933	876 (852–901)	0.53 (0.51–0.54)	8,234	1,462 (1,431–1,494)	0.77 (0.76–0.79)
NH NH/PI	--	--	--	330	1,819 (1,633–2,027)	8.17 (7.32–9.13)	528	2,911 (2,673–3,170)	1.76 (1.61–1.91)	869	4,791 (4,483–5,120)	2.53 (2.37–2.71)
NH White	282	10 (9–11)	Ref	6,181	223 (217–228)	Ref	46,044	1,658 (1,643–1,673)	Ref	52,507	1,891 (1,875–1,907)	Ref
Hispanic/Latino	558	60 (55–65)	5.93 (5.14–6.84)	9,512	1,026 (1,006–1,047)	4.61 (4.47–4.76)	20,078	2,167 (2,137–2,197)	1.31 (1.29–1.33)	30,148	3,253 (3,217–3,290)	1.72 (1.70–1.75)
NH Multiple	29	12 (9–18)	1.21 (0.83–1.78)	336	143 (128–159)	0.64 (0.58–0.72)	1,461	621 (590–654)	0.37 (0.36–0.39)	1,826	777 (742–813)	0.41 (0.39–0.43)
15–19 yrs												
NH AI/AN	130	189 (159–225)	5.48 (4.56–6.58)	858	1,249 (1,169–1,336)	1.59 (1.48–1.70)	3,415	4,973 (4,809–5,142)	1.50 (1.45–1.55)	4,403	6,411 (6,225–6,604)	1.55 (1.50–1.59)
NH Asian	95	49 (40–60)	1.43 (1.16–1.76)	924	479 (449–511)	0.61 (0.57–0.65)	3,074	1,595 (1,540–1,652)	0.48 (0.46–0.50)	4,093	2,124 (2,060–2,190)	0.51 (0.50–0.53)
NH Black	489	87 (80–95)	2.51 (2.26–2.80)	6,384	1,134 (1,107–1,163)	1.44 (1.40–1.48)	8,957	1,592 (1,559–1,625)	0.48 (0.47–0.49)	15,830	2,813 (2,770–2,857)	0.68 (0.67–0.69)
NH NH/PI	--	--	--	473	2,788 (2,548–3,051)	3.54 (3.23–3.88)	860	5,069 (4,741–5,419)	1.53 (1.43–1.63)	1,348	7,945 (7,532–8,381)	1.92 (1.82–2.02)
NH White	1,011	35 (32–37)	Ref	23,048	788 (778–798)	Ref	97,241	3,323 (3,303–3,344)	Ref	121,300	4,146 (4,122–4,169)	Ref
Hispanic/Latino	1,437	162 (154–171)	4.70 (4.33–5.09)	17,639	1,992 (1,963–2,022)	2.53 (2.48–2.58)	33,341	3,766 (3,725–3,806)	1.13 (1.12–1.15)	52,417	5,920 (5,870–5,971)	1.43 (1.41–1.44)
NH Multiple	90	44 (36–55)	1.28 (1.05–1.59)	884	436 (408–466)	0.55 (0.52–0.59)	2,772	1,367 (1,317–1,419)	0.41 (0.40–0.43)	3,746	1,848 (1,790–1,908)	0.45 (0.43–0.46)
20–24 yrs												
NH AI/AN	191	276 (240–318)	2.64 (2.28–3.06)	1,169	1,690 (1,596–1,790)	1.40 (1.32–1.48)	3,698	5,346 (5,177–5,521)	1.36 (1.32–1.40)	5,058	7,312 (7,114–7,517)	1.39 (1.36–1.43)
NH Asian	292	124 (110–139)	1.18 (1.05–1.33)	1,684	713 (679–748)	0.59 (0.56–0.62)	4,881	2,066 (2,008–2,124)	0.53 (0.51–0.54)	6,857	2,902 (2,834–2,971)	0.55 (0.54–0.57)
NH Black	1,500	250 (237–263)	2.39 (2.25–2.54)	10,179	1,694 (1,661–1,727)	1.40 (1.37–1.43)	11,860	1,974 (1,938–2,009)	0.50 (0.49–0.51)	23,539	3,917 (3,867–3,967)	0.75 (0.74–0.76)
NH NH/PI	27	161 (110–235)	1.54 (1.05–2.25)	762	4,539 (4,228–4,873)	3.75 (3.49–4.03)	1,056	6,290 (5,922–6,681)	1.60 (1.51–1.70)	1,845	10,990 (10,500–11,503)	2.10 (2.00–2.19)
NH White	3,253	104 (101–108)	Ref	37,647	1,209 (1,197–1,221)	Ref	122,428	3,932 (3,910–3,954)	Ref	163,328	5,246 (5,220–5,271)	Ref
Hispanic/Latino	3,369	389 (376–403)	3.73 (3.55–3.91)	25,888	2,991 (2,955–3,028)	2.47 (2.44–2.51)	40,624	4,694 (4,649–4,740)	1.19 (1.18–1.21)	69,881	8,075 (8,015–8,135)	1.54 (1.53–1.55)
NH Multiple	257	140 (124–158)	1.34 (1.18–1.52)	1,326	723 (685–763)	0.60 (0.57–0.63)	3,278	1,787 (1,727–1,849)	0.45 (0.44–0.47)	4,861	2,649 (2,576–2,725)	0.51 (0.49–0.52)

Abbreviations: AI/AN = American Indian or Alaska Native; CI = Confidence Interval; NH = non-Hispanic; NH/PI = Native Hawaiian and Pacific Islander; Ref = referent group.

*Rate Ratios were calculated to compare COVID-19 incidence among racial and ethnic minority persons to COVID-19 incidence among non-Hispanic White persons by age group during each time period and overall. Rate ratios are not available in situations where data were suppressed due to less than 20 cases being reported for a given race/ethnicity and age group during a time period. Less than 20 cases were reported during January 1–April 30, 2020 for Non-Hispanic NH/PI persons aged 0–4 years, 5–9 years, 10–14 years, and 15–19 years.

†Rates for each time period and for the full time period were calculated using the following equation: [cases/population]*100,000 persons. COVID-19 cases were identified using CDC’s Data Collation and Integration for Public Health Event Response (DCIPHER) system. <https://data.cdc.gov/browse?tags=covid-19> (Accessed January 27, 2020). Case surveillance data were received directly from two jurisdictional health departments (Hawaii State Department of Health and New Mexico Department of Health) for all racial/ethnic groups to allow for separate reporting of NH/PI persons. Population estimates were provided by the U.S. Census Bureau’s Annual County Resident Population Estimates by Age, Sex, Race, and Hispanic Origin (2019). <https://www.census.gov/programs-surveys/popest/technical-documentation/file-layouts.html> (Accessed August 20, 2020).

‡Arkansas, District of Columbia, Florida, Hawaii, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, New Mexico, Oklahoma, Oregon, Utah, Vermont, Wisconsin.